

ABSTRACT OF THE DISCLOSURE

For detection of the inclination of the normal of a measurement-subject article, an auto-collimator applies a laser beam from a light source onto the measurement-subject
5 article. Then, the return light reflected back from the measurement-subject article is concentrated by a convex lens. Further the return light is converted to parallel light by a concave lens and then projected onto a first screen. The auto-collimator is provided with a beam splitter provided
10 between the convex lens and the concave lens for splitting off a portion of the return light traveling back from the measurement-subject article, and a coarse-adjustment verification screen for showing the split-off light split off from the return light by the beam splitter.

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